

1100 mn Aug. 3, 1964

U. S. Department of Agriculture  
Statistical Reporting Service  
and  
U. S. Department of Commerce  
Weather Bureau

Nebr. Dept. of Agr. & Economic Development  
Division of Agr'l. Statistics  
Agricultural Extension Service  
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 8/3/64

Week Ending 8/3/64

WEATHER This was the third consecutive hot, dry week. Widely scattered light showers occurred across the State early in the week and again in the north-central and northeast on Thursday and Friday. High temperatures reduced the effectiveness of the light showers. Heavier amounts of an inch or more were reported at scattered points across the north and at isolated localities elsewhere.

Temperatures averaged 2 to 5 degrees above normal. The week began with above normal readings. It was a little cooler in the north and west on Tuesday and across the State on Wednesday with a warming trend again on Thursday. It was hot from Friday through Sunday with temperatures running 6 to 15 degrees above normal. Sunday was a little cooler in the west and north, but elsewhere the heat continued. Grand Island had 106° and Lincoln reached 107° on Sunday.

CROPS The continuation of extremely hot, dry, and windy weather caused additional deterioration of growing crops. Scattered showers brought relief to localized areas but under the high temperatures the benefit was only temporary. In the southeast some of the more severely damaged fields of corn and sorghum are being salvaged as "green-chop" feed and as ensilage. In other areas, crops generally have not deteriorated to the point of being salvaged as feed. However, soil moisture supplies are very short in nearly all parts of the State and rainfall is needed to prevent further crop damage. Irrigated crops are requiring constant watering in order to maintain their condition.

About three-fourths of the corn is now tasseled, while last year at this time 90 percent of the crop had tasseled. This year's crop is still progressing ahead of normal. Corn rootworm and corn borer infestations have appeared in many fields and grasshoppers are causing damage locally. The heading of grain sorghums has passed the 70 percent point. Some of the early fields of forage sorghum are being cut. Soybeans continue to bloom but the high temperatures have reduced the number of pods set.

Oats harvest as well as the harvest of other small grains is nearly completed. Some plowing of stubble has been done but many are waiting for soil moisture conditions to improve before plowing.

Harvest of potatoes is underway in the central area with digging confined to early morning. Sugar beets are making good progress but water requirements are high. Dry beans are about two weeks behind normal and high temperatures are causing some damage to late flowering plants.

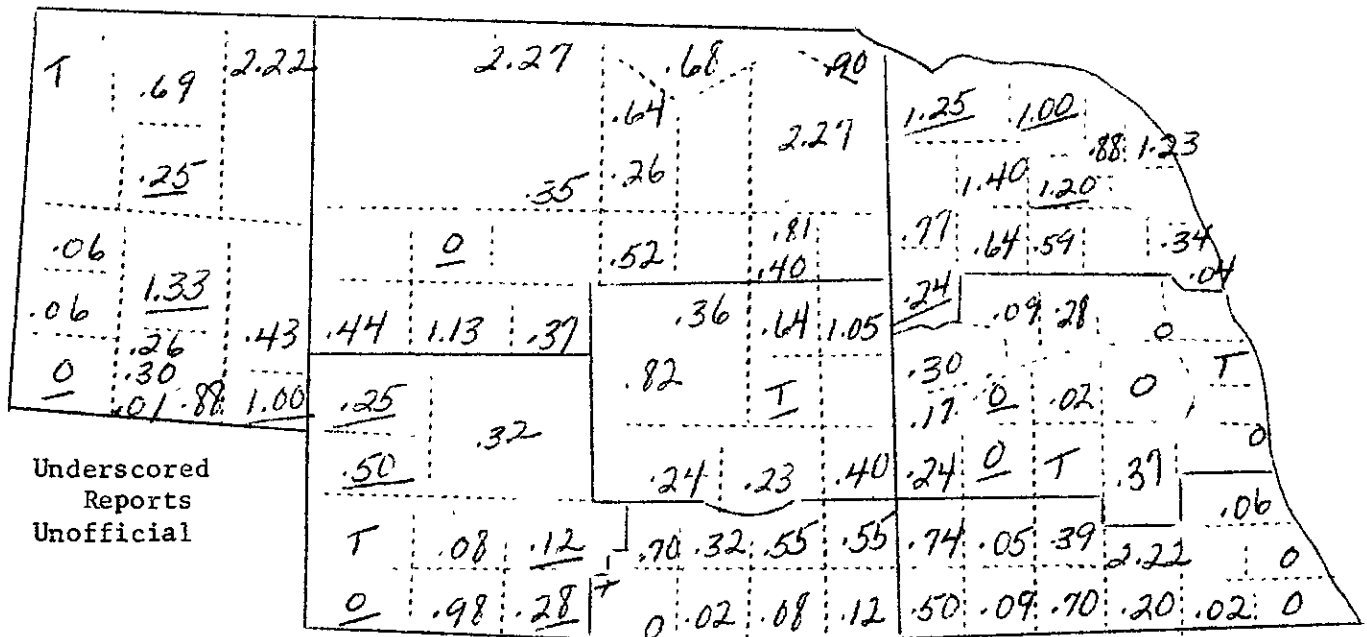
The condition of alfalfa fell sharply last week and it appears that the third cutting will be very light. The cutting of wild hay is nearing completion in some areas and is generally past the halfway mark.

LIVESTOCK Pasture growth has been slowed considerably by the high temperatures and in some areas supplemental feeding was necessary to maintain the condition of the cattle. Lowered feed intake of feedlot animals caused a drop in production rates.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 3, 1964

<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	.04	Burwell	.44	Chadron	.69
Lincoln	.29	North Platte	.16	Imperial	.15
Norfolk	.64	Valentine	1.96	Scottsbluff	.03
Omaha	T			Sidney	.02
Sioux City	1.23				

# PRECIPITATION MAP FOR WEEK ENDING JULY 31, 1964



HIGHEST AND LOWEST TEMPERATURE (Highs for 24 hours ending at 12:01 a.m., and lows for 12 hours ending at 6:00 a.m., CST)

		July 28th		29th		30th		31st		August 1st		2nd		3rd	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	97	60	83	62	95	60	98	72	100	67	100	65	92	64
	Scottsbluff	97	62	87	60	95	61	98	69	97	63	95	69	93	68
	Sidney	94	64	85	59	91	60	98	65	99	60	98	65	91	68
NC	Burwell	95	66	88	54	88	65	102	69	100	75	102	77	95	71
	Valentine	94	69	82	56	88	63	92	69	102	78	102	74	93	64
NE	Norfolk	94	66	94	60	85	65	86	75	99	79	100	81	102	74
	Sioux City	94	70	96	60	85	64	80	70	97	76	98	80	101	79
CEN	Grand Island	88	67	93	54	88	68	100	74	101	75	104	77	106	73
EC	Lincoln	94	71	100	62	86	69	97	78	100	80	102	83	107	78
	Omaha	90	69	95	60	81	66	83	73	101	77	103	80	101	77
SW	Imperial	97	68	93	60	93	71	104	71	104	77	104	67	98	68
	North Platte	90	65	87	56	88	71	102	72	101	75	101	71	94	69

## Precipitation, April 1 - July 31, 1964

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.49	.96	.71	.62	.13	.36	.26	.45
Total since April 1	8.43	12.60	15.78	11.97	17.65	11.48	10.29	13.38
Normal since April 1	9.72	11.32	13.11	12.50	13.78	10.68	12.33	14.71